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APPLICATION NO.	FILIN	NG DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/928,383	08/	13/2001	Masaaki Yasukawa	U 013597-8	U 013597-8 6918	
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LADAS & PARRY				EXAMINER		
26 WEST 61ST STREET NEW YORK, NY 10023				CHOW, I	CHOW, DOON Y	
				ART UNIT	PAPER NUMBER	
			•	2675	; ?	
				DATE MAILED: 02/20/2003		

Please find below and/or attached an Office communication concerning this application or proceeding.

Application No.   Applicant(s)   Caminer   And Unit   Dennis-Doon Chow   Examiner   Dennis-Doon Chow   2675   Caminer   Dennis-Doon Chow			1					
## Examiner   Dennis-Doon Chow   2675    ## The MAILING DATE of this communication appears on the cover sheet with the correspondence address → Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be available under the provisions of 37 CPF. 11-38(a). In one event, however, may a reply be thing tilled.  If the period for reply specified shows, the meanum stabilitory period will pupile and will supply and will supply set of the communication.   ### The period for reply specified subres. The meanum set of the meanum stabilitory period will supply set of will supply set of the communication.   ### The period for reply specified subres. The meanum set of the communication will be communication.   ### The period for reply set of the stable share making date of this communication.   ### The period for reply set of the stable share sha	•	Application No.	Applicant(s)					
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#### **DETAILED ACTION**

## Claim Objections

1. Claim 8 is objected to because of the following informalities: At line 8, it appears that "so a to" should be changed to - so as to -. Appropriate correction is required.

# Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 8-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takahara et al. (5381158).

Takahara discloses a head mounted image display device comprising: a display; an input device with a sensor for inputting signals; means for generating and displaying a virtual keyboard on the display (col. 6, lines 41-42; col. 13, lines 53-60); a means configured so as to identify a key of the virtual keyboard.

Takahara does not disclose the display is an LCD in their invention. However, using an LCD in head mounted display device is well known in the art. This is also taught in the "Background of the Invention" of Takahara's invention (col. 1, lines 66-68).

It would have been obvious to one of ordinary skill in the art to use the known LCD in Takahara's invention since Takahara does not teach use any specific display in their invention.

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### Inventorship

4. In view of the papers filed 11/7/2002, the inventorship in this nonprovisional application has been changed by the deletion of Masaaki Yasukawa, Noriko Watanabe, Kunio Yoneno, Syoichi Uchiyama, Hiroshi Kamakura, Joji Karasawa.

The application will be forwarded to the Office of Initial Patent Examination (OIPE) for issuance of a corrected filing receipt, and correction of the file jacket and PTO PALM data to reflect the inventorship as corrected.

### Response to Arguments

5. Applicant's arguments filed 11/18/2002 have been fully considered but they are not persuasive.

Applicant argues that Takahara does not teach displaying a virtual keyboard. The examiner disagrees with applicant's agreement because Takahara clearly teaches displaying the virtual keyboard (see col. 13, lines 53-60).

#### Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later

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than SIX MONTHS from the mailing date of this final action.

7. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Dennis-Doon Chow whose telephone number is 703-

305-4398. The examiner can normally be reached on 8:30-6:00, Alternate Monday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Steve Saras can be reached on 703-305-9720. The fax phone numbers for

the organization where this application or proceeding is assigned are 703-872-9314 for

regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is 703-306-

0377.

D. Chow

February 19, 2003

DENNIS-DOON CHOW PRIMARY EXAMINER